



RADIO/TELEVISION BROADCASTING

MINIMUM EQUIPMENT LIST

Instructional Equipment and Software

Item Name	Count 15 Students	Count 20 Students	Count 25 Students	Description/Specification
Television/VCR/DVD	1	1	1	25"
Overhead Projector with Screen	1	1	1	
A/V Cart/Media Storage Center	1	1	1	
LCD	1	1	1	
PRODUCTION EDITING/CONTROL ROOM SYSTEM				
Audio Cassette Player/Recorder	1	1	1	Stereo, dual cassette, headphone jack
Audio Disk Player	1	1	1	Compact disk player, 5 disk capacity, digital-to-analog converter
Audio Mixer	1	1	1	Minimum: 4 XLR inputs, 4 quarter inch inputs, 2 quarter inch audio outputs
Character Generator	1	1	1	Capable of outline effect, superimpose over video, scroll titles, zoom titles
Editing Controller, Production	1	1	1	A/B roll editing with 2 sources, VITC/LTC time code editing, last edit recall, large jog/shuttle dial, split audio/video editing
Headphones	2	2	2	Stereo
Video Edit/Feed Recorder	3	3	3	½"S-VHS, 4 audio channels (2 hi-fi, 1 linear), 33X dial picture search, built-in LTC time code reader/generator, jog/shuttle control, local and remote switch
Video Mixer	1	1	1	A/V Mixer, non-linear, 4 S-Video or composite video inputs, 2 video source synchronization
Video Monitor	2	2	2	Color, 13", audio horizontal resolution 330+ lines, dual loop thru BNC video input, 4-pin Y/C input, built-in audio
Video Monitor	1	1	1	Color, 14" , 400+ lines resolution, 2 video inputs, 7 pin S-VHS input, under scan, pulse cross, blue check, color off, EIAJ 8-pin terminal, built-in audio
Workstation	1	1	1	Editing Workstation
STUDENT EDITING SYSTEM				
Audio Cassette Player/Recorder	1	2	3	Stereo, dual cassette, headphone jack
Audio Disk Player	1	2	3	Compact disk player, 5 disk capacity, digital-to-analog converter



Item Name	Count 15 Students	Count 20 Students	Count 25 Students	Description/Specification
Audio Mixer	1	2	3	Minimum: 4 XLR inputs, 4 quarter inch inputs, 2 quarter inch audio outputs
Editing Controller (Student)	1	2	3	A/B roll editing with 2 sources, VITC/L and LTC time code editing, last edit recall, large jog/shuttle dial, split audio/video editing
Headphones	2	4	6	Stereo
Video Edit/Feed Recorder	3	6	9	½"S-VHS, 4 audio channels (2 hi-fi, 1 linear), 33X dial picture search, built-in LTC time code reader/generator, jog/shuttle control, local and remote switch
Video Monitor	3	6	9	Color, 13", audio horizontal resolution 330+ lines, dual loop thru BNC video input, 4-pin Y/C input, built-in audio
Workstation	1	2	3	Editing Workstation
STUDIO CAMERA SYSTEM				
Battery Charger	1	1	1	Battery charger and & camera power supply, 4-pin XLR cable
Battery Charger	1	1	1	Battery charger, capacity for 4 NP,BP-Type 12, or 13.2V NiCad batteries
Character Generator	1	1	1	Capable of outline effect, superimpose over video, scroll titles, zoom titles
Communication System	1	1	2	Camera operator's headset, control room headset
Computer Disc Drive	1	1	1	JAZ, external or internal, 2GB disk
Computer Monitor	1	1	1	Color, 14" with audio
Computer, Desktop	1	1	1	See Technical & Professional Education Technology Standards
Multi-Event Controller/Switcher	1	1	1	100 controllable events, random day selection, control for 4 VCR s, internal video router w/stereo audio
Video Camcorder	2	2	3	1/2" S-VHS,1/3" CCD, servo zoom lens, 1.5" viewfinder, time/date generator, VITC/LTC generator, 12v DC (Standard accessories- battery holder, battery, tripod base, microphone, viewfinder)
Video Camcorder	1	1	1	Full studio size, 1/2" S-VHS, 3-CCD, servo zoom lens, 1.5" viewfinder, low light performance, time/date generator, VITC/LTC generator, 12v DC (Standard accessories- battery holder, battery, tripod base, microphone, viewfinder)
Video Camera Tripod	1	1	2	Full studio size, for use with full size studio video camcorders, fluid head, deluxe dolly

Item Name	Count 15 Students	Count 20 Students	Count 25 Students	Description/Specification
Video Camera Tripod	3	3	4	For studio use with video camcorders, fluid head, deluxe dolly
Video Monitor	1	1	2	Studio Monitor, color, 27", built-in audio, to monitor actual output
Video Monitor	1	1	1	Studio Monitor, color, 13", audio horizontal resolution 330+ lines, dual loop thru BNC video input, 4-pin Y/C input, built-in audio
Video Player/Recorder	4	4	4	½"S-VHS, 4 audio channels built-in LTC time code reader
MICROPHONES				
Microphone	2	3	4	Lavaliere, miniature, clip-on, 6' cable
Microphone	2	3	4	Omnidirectional, dynamic, handheld
Microphone, Wireless	2	3	4	Lavaliere, VHF, microphone, wireless transmitter and receiver
LIGHTING				
Light Kit, Field	1	1	1	3 spot lights (300 watts), 3 light poles (8'), carry case
Lights	2	2	2	Key lights, 500 watts
Lights	2	2	2	Back lights, 500 watts
COMPUTER				
Computer, Desktop	1	1	11	See Technical and Professional Education Technology Standards
Computer Monitor	1	1	1	See Technical and Professional Education Technology Standards
Computer Scanner	1	1	1	See Technical and Professional Education Technology Standards
Computer Printer	1	1	1	See Technical and Professional Education Technology Standards